GOVERNMENT OF INDIA
HOUSING AND URBAN POVERTY ALLEVIATION
LOK SABHA

STARRED QUESTION NO:259
ANSWERED ON:16.12.2015
Shortage of Skilled Manpower
Singh Deo Shri Kalikesh Narayan

Will the Minister of HOUSING AND URBAN POVERTY ALLEVIATION be pleased to state:

Will the MINISTER OF HOUSING AND URBAN POVERTY ALLEVIATION be pleased to state:
(a) whether the Government is facing a shortage of trained and skilled manpower in the construction industry and if so, the details thereof and the corrective measures taken by the Government in this regard;
(b) whether measures have been taken by the Government to promote Research and Development in the construction industry and if so, the details thereof and if not, the reasons therefor; and
(c) whether the Government plans to introduce policy measures to support mass housing construction technologies and if so, the details thereof and the timeline for the same?

Answer

THE MINISTER OF HOUSING & URBAN POVERTY ALLEVIATION

(SHRI M. VENKAIAH NAIDU)

(a) to (c): A Statement is laid on the Table of the Sabha

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION No. 259* FOR ANSWER ON 16.12.2015 REGARDING SHORTAGE OF SKILLED MANPOWER

(a) In order to understand the sectoral and geographical spread of skill requirement/gaps and incremental human resource requirement across the sectors, studies have been undertaken by the Government through National Skill Development Corporation (NSDC), a Public Private partnership (PPP) entity. As per the study report, the incremental human resource requirement in the Building Construction and Real Estate sector for the period 2013-2022 is 31.1 million. As an effort to align the skill development initiatives with the incremental human resource requirement, Pradhan Mantri Kaushal Vikas Yojna (PMKVY) has been launched by Ministry of Skill Development and Entrepreneurship. Many other Ministries are also implementing Schemes to provide skill training in various sectors. Ministry of Housing and Urban Poverty Alleviation is implementing National Urban Livelihoods Mission (NULM) to provide skill training to urban poor.

(b) Under Council for Scientific and Industrial Research (CSIR) two premier Institutions namely, Central Building Research Institute (CBRI) and Structural Engineering Research Centre (SERC) and other institutions in Bhopal, Trivandrum, Bhubaneswar and Jorhat have been doing R&D work to develop new innovative, cost effective, environment-friendly building materials and construction technologies. Besides this IITs, NITs and other technical institutions are also engaged in R&D work especially on emerging
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technologies like Glass Fibre Gypsum Panel System (IIT Madras), EPS Core Panel System (IIT Roorkee), bamboo based technology (IIT Delhi & IIT Kharagpur). Also other Government departments such as Department of Science & Technology lend financial support to IITs to carry out R&D in the construction sector.

(c) Land and Housing are State subjects. The Ministry under the Pradhan Mantri Awas Yojana (Urban) mission has, inter-alia, constituted a Technology Sub-Mission to facilitate adoption of modern, innovative and green technologies and building material for faster and quality construction of houses. Technology Sub-Mission will also facilitate preparation and adoption of layout designs and building plans suitable for various geo-climatic zones. It will also assist States/Cities in deploying disaster resistant and environment friendly technologies.
Also, Ministry of Housing & Urban Poverty Alleviation has brought out following documents which would be helpful for State Governments to adopt new construction technologies for mass housing.

i) Compendium of Prospective Emerging Technologies for Mass Housing
ii) Model Expression of Interest for Empanelment of Agencies for construction of Houses/Buildings using Alternate Technologies on Design and Built Basis.
iii) Multi-Attribute Evaluation Methodology for selection of Emerging Housing Technologies

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